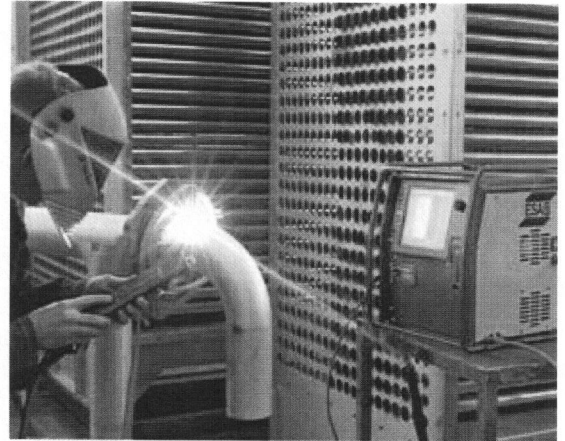
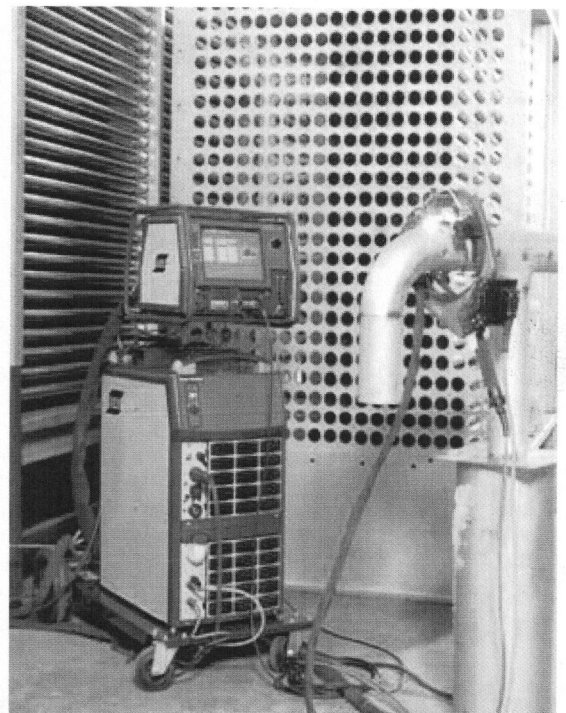


Aristo™MechTig C2002i, Aristo™MechTig 4000i, Aristo™ MechControl 2 & 4

- *Aristo™ MechTig C2002i is a compact, robust and easy-to-use 200A power generator, with built-in cooling unit for the water cooled torches, control system with graphic interface, program library and capacity of self-generation of welding programmes.*
- *Aristo™ MechControl 2 is a control unit featuring the same functions of the Aristo™ MechTig C2002i, but without power generator and cooling unit.*
- *Aristo™ MechControl 4 is similar to Aristo™ MechControl 2, with in addition AVC (Arc Voltage Control) and weaving functions.*
- *Aristo™MechTig 4000i is a power generator to be used in conjunction with the Aristo™ MechControl 2 or Aristo™ MechControl 4 control units, having 400A capacity and built-in cooling unit for water-cooled torches.*
- *The large 10" colour display helps obtaining the best performances and the Windows user interface make it easy searching programmes from the integrated library or the automatic generation of customized programmes, simply introducing data such as type of material, external diameter and tube wall thickness.*
- *New programmes can be added to the existing library. Alternatively, all welding parameters can be manually set by means of a graphic interface or electronic spreadsheet.*
- *Integrated printer, to produce copy on paper of the programmed welding parameters and of the measured values related to speed, current, voltage, wire and power.*
- *USB (Universal Serial Bus) connection to transfer welding programmes between different machines, to store and to update programmes.*
- *ESAB offers a wide range of welding heads compatible with the new machines, to build complete orbital welding systems suitable for all applications.*
- *The Weldoc WMS 4000 monitoring and documentation system is available, to satisfy the needs of the ISO 9000/SS-EN729 international quality system. Alternatively, the SPS 4000 system can store the pre-set programmes.*
- *The MechT 1 CAN remote control unit has the ability to control and display data.*



Aristo™MechTig C2002i



Aristo™MechTig 4000 with Aristo™MechControl

A21 PRC

Flexible Tube to Tube Weld Heads

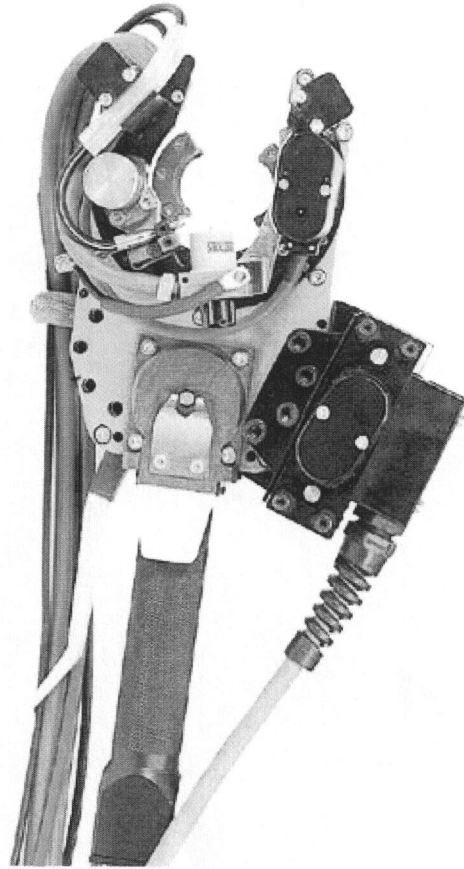
- Water-cooled
- Features arc weaving movement and arc voltage control
- Increase productivity and quality of weld, particularly when welding thick-walled tubes
- Use in combination with Aristo™MechTig power sources

Ordering Information

PRC 17-49 with AVC	0443 751 880
PRC 17-49 with AVC and weaving	0443 752 880
PRC 33-90 with AVC	0443 761 880
PRC 33-90 with AVC and weaving	0443 762 880
PRC 60-170 with AVC	0443 771 880
PRC 60-170 with AVC and weaving	0443 772 880

Options and Accessories

Angular Support Bracket	0443 875 880
Rebuilding kit, PRB/PRC 17-49	0444 002 880
<i>For welding tubes with OD of 8-17 mm</i>	
Rebuilding kit, PRB/PRC 33-90	0443 908 880
<i>For welding tubes with OD of 20-33 mm</i>	
Rebuilding kit PRB/PRC 60-170	0443 909 880
<i>For welding tubes with OD of 44-60 mm</i>	



Technical Data	PRC 17-49	PRC 33-90	PRC 60-170
Rate of rotation, rpm	0.1-2.4	0.1-1.6	0.05-0.95
Tube OD, mm	17-49	33-90	60-170
Tube OD with options, mm	8-17	20-33	44-60
Max welding current 100% duty cycle, water-cooled, A	250	250	250
Electrode diameter, mm	1.6-2.4	1.6-2.4	1.6-2.4
Weight with arc length control (less cables), kg	3.3	3.7	4.9
Weight with arc length control and weave unit (less cables), kg	5.1	5.5	6.7
Arc length control, Arc adjustment rate, mm/s	2.5	2.5	2.5
Oscillation:			
Adjustment range, mm/s	20	20	20
Amplitude, mm	+/- 6	+/- 6	+/- 6
Weave speed, mm/s	2-12	2-12	2-12
Minimum spacing required between two parallel tubes, mm	D/2+70*	D/2+94*	D/2+137

* Without fine adjustment wheel for wire. Electrode cap and spacer screw may need to be replaced with the shortest variant supplied with the tool

Aristo™MechTig C2002i, Aristo™MechTig 4000i, Aristo™ MechControl 2 & 4

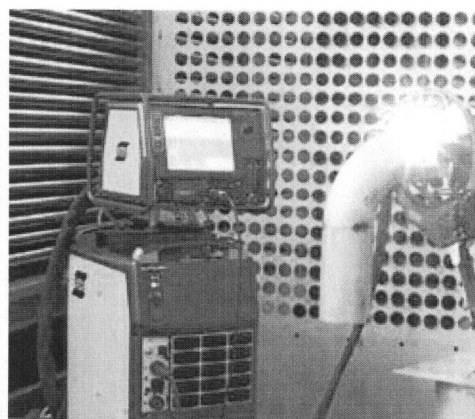
Technical Data	MechTig C2002i	MechTig 4000i	MechControl 2 - 4
Main connection	230 V, 1 ph, 50/60 Hz	3x400V, 50/60 Hz	42 V, 50/60 Hz
Permitted load at			
100% duty cycle	110 A	250 A	----
60% duty cycle	140 A	320 A	----
35% duty cycle	180 A	400 A	----
Welding current range, TIG DC	3-200 A	4-400 A	----
Open circuit voltage	60-75 V	78-90 V	----
Dimensions, LxWxH, mm	471x477x475	625x394x776	471x403x364
Weight, kg	29	81	17,4 - 18,4
Protection class	IP23	IP23	IP23
Application class	S	S	S

Ordering information

Aristo™MechTig C2002i, 230 V single-phase, 50/60 Hz 0444 600 880
Aristo™MechTig 4000i, with cooling unit,
 400 V 3-phase, 50/60 Hz..... 0458 625 886
Aristo™MechControl 2, control unit..... 0444 500 880
Aristo™MechControl 4, control unit..... 0444 500 881

Options and Accessories

Connection cable 1,7 m MechControl 2-4 0460 210 880
Connection cable 8 m MechControl 2-4 0460 210 881
Remote control MechT 1 CAN 0460 181 880
MechT 1 CAN remote control cable, 5m 0459 554 880
MechT 1 CAN remote control cable, 10m 0459 554 881
MechT 1 CAN remote control cable, 15m 0459 554 882
MechT 1 CAN remote control cable, 25m 0459 554 883
MechT 1 CAN remote control cable, 0,25m 0459 554 884
Trolley for MechTig C2002i 0301 100 880
Multivoltage unit for MechTig 4000i
 (3x 208/230/400/460/475/575V, 50/60Hz) 0459 145 880
Handle kit (2 pieces) for separate multivoltage unit 0459 307 881
Trolley type 1 (standard) for MechTig 4000i 0458 530 880
Trolley type 2 (for 2 bottles) for MechTig 4000i..... 0458 603 880
Guide pin (if no trolley) 0458 731 880



Aristo™MechTig 4000 with Aristo™MechControl